

From: [OMEALY Mikell](#)
To: [Burt Shephard/R10/USEPA/US@EPA](#)
Cc: [aron.borok@eilttd.net](#); [Benjamin Shorr](#); [Eric Blischke/R10/USEPA/US@EPA](#); [chris.thompson@eilttd.net](#); [Eric Blischke/R10/USEPA/US@EPA](#); [Jeremy Buck](#); [Joe Goulet/R10/USEPA/US@EPA](#); [PETERSON Jenn L](#); [PJ Bridgen](#); [Robert.Neely@noaa.gov](#); [Valerie Lee](#)
Subject: RE: Oct 3-4 agenda & assignments
Date: 09/30/2005 08:39 AM

Great suggestions and clarifications, Burt. Thanks very much for your work on this. We'll miss you next week, and will hope to have you back in future meetings.

Thanks again,
Mikell

-----Original Message-----

From: Shephard.Burt@epamail.epa.gov
[mailto:Shephard.Burt@epamail.epa.gov]
Sent: Thursday, September 29, 2005 4:08 PM
To: OMEALY Mikell
Cc: aron.borok@eilttd.net; Benjamin Shorr; Blischke.Eric@epamail.epa.gov; chris.thompson@eilttd.net; Blischke.Eric@epamail.epa.gov; Jeremy Buck; Goulet.Joe@epamail.epa.gov; PETERSON Jenn L; PJ Bridgen; Robert.Neely@noaa.gov; Valerie Lee
Subject: Re: Oct 3-4 agenda & assignments

I'll be in Duluth most of next week, so I won't be at the meeting. I do want to clarify one issue about the food web conceptual model. The two attached examples are simply more visual versions of the line and box food web conceptual model in LWG's documents. One large advantage of these more visual presentations (some people call them cartoon models) are that if done properly, they make the food web readily understandable to non-technical people (managers, the general public). If the two attached examples were from the same site, the food web links (who eats who, abiotic contaminant sources, etc.) could be identical except for the background drawing or photo. Personally I like the foodchain3.jpg model (the photo as the background). But what's really important is that the major trophic levels, feeding guilds and receptors of concern are presented on the figure, with exposure pathway arrows linking the various receptors as appropriate.

I suggest that you start by drawing an improved box and line drawing similar to what LWG did in the PRE work plan. Once that's done, a graphic artist should be able to find good clip art of the receptors and a nice photo of Portland Harbor from water level, then put everything together for the final food web CSM.

Best regards,

Burt Shephard
Risk Evaluation Unit
Office of Environmental Assessment (OEA-095)
U.S. Environmental Protection Agency, Region 10
1200 6th Avenue
Seattle, WA 98101

Telephone: (206) 553-6359
Fax: (206) 553-0119

e-mail: Shephard.Burt@epa.gov

OMEALY Mikell

<OMEALY.Mikell@deq.s To: Eric
Blischke/R10/USEPA/US@EPA, Jeremy Buck <jeremy_buck@fws.gov>, Joe

tate.or.us>
Goulet/R10/USEPA/US@EPA, PETERSON Jenn L
<PETERSON.Jenn@deq.state.or.us>, PJ Bridgen

<pj.bridgen@eilttd.net>, Robert.Neely@noaa.gov, Valerie Lee
<valerie.lee@eilttd.net>,

09/29/2005 02:43 PM Eric
Blischke/R10/USEPA/US@EPA, Chip Humphrey/R10/USEPA/US@EPA, Burt

Shephard/R10/USEPA/US@EPA, Benjamin Shorr <Benjamin.Shorr@noaa.gov>,

chris.thompson@eilttd.net, Valerie.lee@eilttd.net, aron.borok@eilttd.net

cc:

Subject: Oct 3-4

agenda & assignments

Hello all,

Thanks for your continued great work on eco risk assessment issues. We're making progress, and we're set up to get into a number of important topics on Monday and Tuesday - the ecological CSM, food web structure, assessment endpoints and measures, data analysis and data gaps. By the end of the meeting, we'll have an agreed-to eco CSM and food web structure, and an initial, prioritized list of data gaps for the project.

We'll be meeting at the EPA/DEQ Headquarters Building in Portland (811 SW Sixth Ave.) in conference room 10. Please arrive by 9:50 a.m. or so to sign in on the 7th floor; the receptionists will then send you up to the 10th floor. If you have any questions about the agenda or location, just let me know.

To review in advance
If possible, please review the following documents before coming to the meeting.

Our agenda - Read through the attached agenda with an eye toward the "expected outcomes" for each topic.

<<10.3-4.05.Eco Team Meeting agenda.doc>>
Revised Eco CSM - At our last meeting (9/19), we agreed to a revised ecological CSM for Portland Harbor, and Burt, Jennifer and Rob made the changes we agreed to. In addition, Brent and Chris added "complete/significance" determinations to the receptor side of the CSM based on the NRDA work our team has done so far. Please look for an email from Brent or Chris with this revised CSM attached, and come to Monday's meeting prepared with comments on any additional changes needed. Great job on this everyone.
Revised Problem Formulation in Workplan Appendices - At our last meeting, we agreed to revisit the problem formulation statement in the PH Workplan Appendices to add management objectives for lamprey, sturgeon and Chinook habitat, pulling in useful information from ODFW, lamprey studies, and other sources. EI is taking a first cut at this, and they hope to send potential changes to the group tomorrow (via email) for review and comment. If possible, please review this document before Monday's meeting and come prepared with any major, high level comments. We won't get into much discussion on this on Monday, but comments about the general direction and usefulness of the proposed changes would be helpful.
LWG's proposed Food Web structure - Take a look at the two attached models that Burt suggested, as well as the LWG's proposed food web structure models in the PH Workplan (4/23/04), Figures 5-4 and 5-5. Please come to Monday's meeting with comments or thoughts about the food web structure that you think we should use in PH. We'll strive to reach agreement on this on Monday.

<<Conceptual aquatic food web.gif>> <<foodchain3.jpg>>
LWG's Assessment Endpoint Table - Review Table 2-1 in LWG's 9/9/05 PRE and come to Monday's meeting with comments on changes needed to the assessment endpoints and effect/exposure measures. We'll talk through and agree on changes as a group.

Again, if you have any questions, please let me know. I look forward to seeing you on Monday.

Cheers,
Mikell

Mikell O'Mealy
Portland Harbor Outreach Coordinator
DEQ Northwest Region Office
Phone: 503-229-6590
Email: omealy.mikell@deq.state.or.us

(See attached file: 10.3-4.05.Eco Team Meeting agenda.doc)(See attached file: Conceptual aquatic food web.gif)(See attached file: foodchain3.jpg)